

ARMY SERVICE FORCES CATALOG

ORD 7 SNL G-176

ORGN. SPARE PARTS AND
EQUIPMENT

*RESTRICTED

ORDNANCE SUPPLY CATALOG

Group G.

Technical Reference TM 9-743

(ORD 7 Standard Nomenclature List No. G-176)

Organizational Spare Parts and Equipment

For

CAR, ARMORED, UTILITY, M20

(Supersedes the OSP&E, ORD 7 SNL G-176 portion of ORD 7-8-9 SNL G-136 and G-176, dated 25 January 1944 (Sections 3 and 4 portion of basic book), as changed by Changes No. 3, dated 27 April 1944 and Changes No. 4, dated 18 September 1944)

** Dissemination of restricted matter.* -The information contained in restricted documents and the essential characteristics of restricted material may be given to any person known to be in the service of the United States and to persons of undoubted loyalty and discretion who are cooperating in Government work, but will not be communicated to the public or to the press except by authorized military public relations agencies. (See also paragraph 23b, AR 380-5, 15 March 1944.)

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HEADQUARTERS, ARMY SERVICE FORCES, 24 OCTOBER 1944

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(Supersedes the OSP&E, ORD S SNL G-176 portion of ORD 7-8-9 SNL G-136 and G-176, dated 25 January 1944 (Sections 3 and 4 portion of basic book), as changed by Changes No. 3, dated 27 April 1944 and Changes No. 4, dated 18 September 1944.)

This is a list of organizational spare parts and organizational equipment (accessories; tools; sighting and fire control equipment; applicable cleaning and preserving materials; and articles for instructional purposes) which are issued to the using arms or service for its use in performing 1st and 2nd echelon maintenance.

This standard nomenclature list is supplemental to Tables of Organization and Equipment, Tables of Basic Allowances and Tables of Allowances. It is therefore imperative that it be in the hands of all organizations and establishments concerned. Special attention should be given to its distribution.

Standard Nomenclature Lists in the G Group, are published either in one combined or in three separate pamphlets. When combined, the publication contains all information formerly published in the three separate pamphlets.

(A) When combined, the publication is known as the Ordnance Supply Catalog, ORD 7, 8 and 9.

(B) When published separately, the following are the three pamphlets—

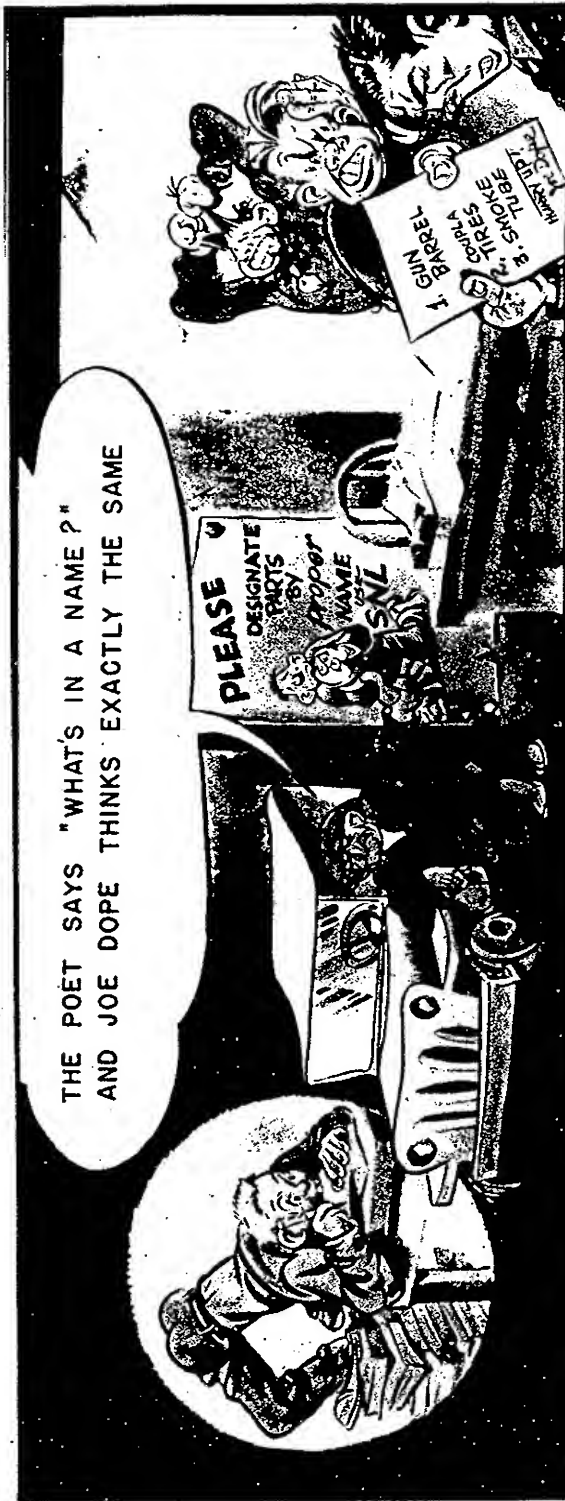
(1) The LIST OF ALL PARTS or SERVICE PARTS CATALOG section—This list will be used for identification and storage purposes only.

(2) The ORGANIZATIONAL SPARE PARTS AND EQUIPMENT section—which lists items issued to organizations equipped with this materiel.

(3) The HIGHER ECHELON SPARE PARTS AND EQUIPMENT (Addendum) section—which lists major items, maintenance parts and equipment available for maintenance of this materiel. (This section is for use of Ordnance personnel only.)

For full information relative to Standard Nomenclature Lists, the procedure followed and the principles employed in their compilation, together with the purposes and uses thereof, see the Introduction (ORD 1 IOC), the Index (ORD 2 OPSI), and the Ordnance Provision System Regulations (OPSR).

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ORD 7

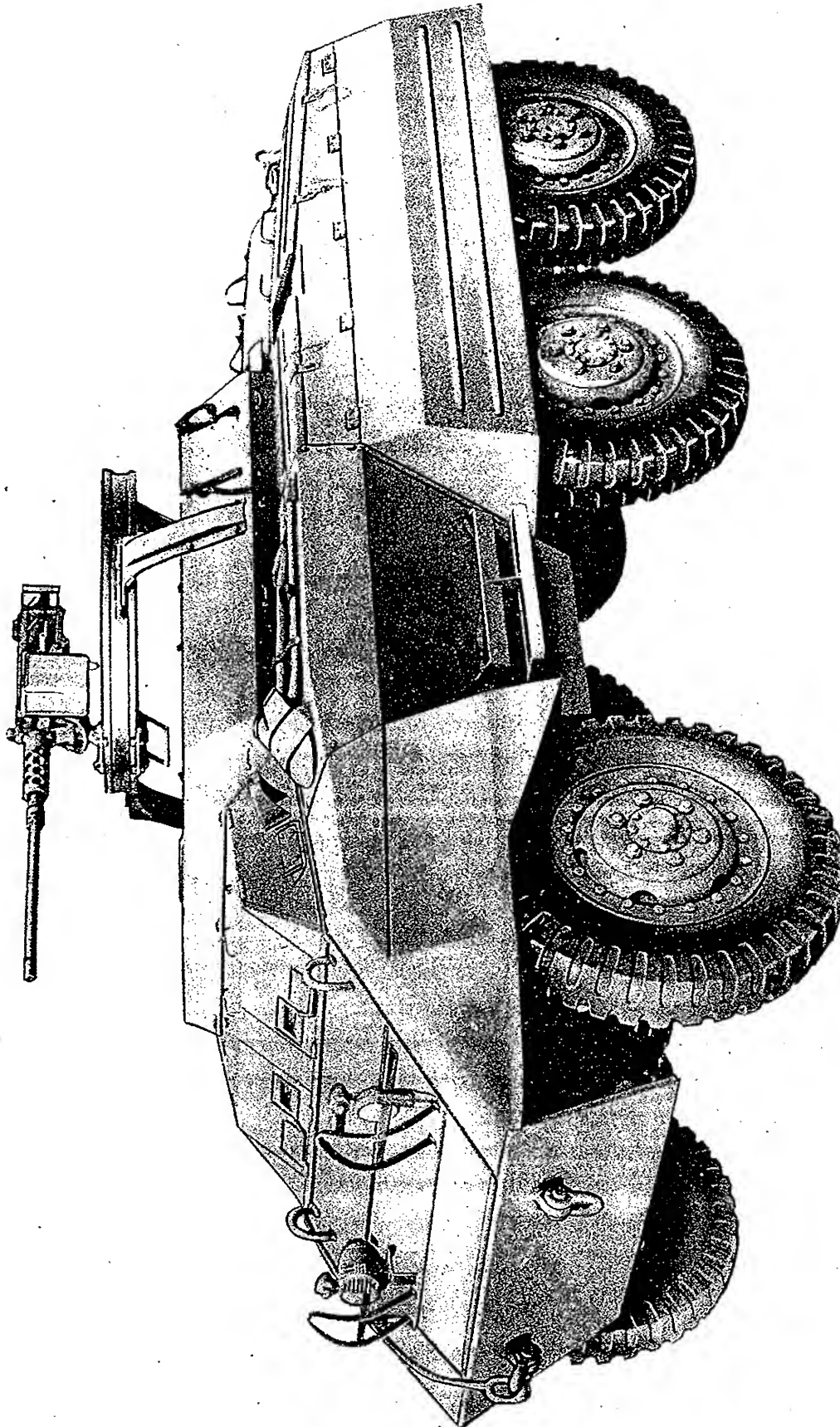
ORGANIZATIONAL SPARE PARTS AND EQUIPMENT

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RA PD 28319

FIGURE 1—CAR, ARMORED, UTILITY, M20

Figure Number	Official Stock Number	Part Number		ITEM	UNIT BREAK-DOWN										Note Symbol			
		Ordinance	Manufacturer		Units performing 1000-mile (50 hr.) maintenance services (see TM 9-2810)		Units performing 8000-mile (100 hr.) maintenance services (see TM 9-2810)						Col. 14					
					Col. 3	Col. 4	1-25 Vehicles		51-75 Vehicles		26-50 Vehicles			51-75 Vehicles		76-100 Vehicles		
							Set No. 1	Set No. 2	Set No. 3	Set No. 4	Set No. 5	Set No. 6		Set No. 7		Set No. 8		
Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9	Col. 10	Col. 11	Col. 12	Col. 13						
<p align="center">ORGANIZATIONAL SPARE PARTS</p> <p>Columns 6 through 13 in this section show the estimated quantities of parts required by Units performing 1000-mile (50 hr.) and 8000-mile (100 hr.) maintenance services to maintain the various quantities of the vehicle assigned to those Units.</p>																		
<p align="center">GROUP 01—ENGINE</p>																		
G134-0131615	B247235	HM-17256CS		ELEMENT, oil filter, assembly (type C-31-A) (FR-5294).....	1	2	3	4	5	6	8	11						
G136-0183052		HM-42842-DS		FILTER, oil, w/BASE, assembly.....														
G067-1200570	B153279	HM-41005-B		GASKET, valve chamber cover (1/8 cork).....	3	4	5	7	9	12	16	21						
G134-0193832		HM-23052-A		GASKET, oil pan oil strainer (3/8 cork).....	1	2	3	4	5	6	8	11						
G136-0194015		HM-18573-A		GASKET, valve cover fitting (cork).....	1	2	3	4	5	6	8	11						
G134-0193836		HM-42236-C		GASKET, cylinder head, S., and asbestos.....	1	2	3	4	5	6	8	11						
G134-0193839		HM-42852-A		GASKET, oil filter, attaching (1/2 vellumoid).....	1	2	3	4	5	6	8	11						
G136-0194078		HM-32249-A		GASKET, oil filter case cover (vellumoid) (FR-11582).....	1	2	3	4	5	6	8	11						
G134-0193824		HM-11382-A		GASKET, oil filter case cover screw (copper) (FR-11581).....	1	1	1	2	2	3	4	5						
G134-0193835		HM-42183-B		GASKET, oil pan, half (1/2 vellumoid).....	3	4	5	7	9	12	16	21						
G120-0193945		HM-296-A		GASKET, oil pan drain plug (copper and asbestos)	1	2	3	4	5	6	8	11						
G120-0340635		HM-11603-A		PLUG, drain, magnetic, 7/8-18NF-2, oil pan (in rear boss).....					1	1	1	2						
G134-0340421		HM-14867-A		PLUG, drain, oil pan.....					1	1	1	2						
G067-1201110	A144647	HM-4118-A		SCREW, cap, hex-hd., alloy-S., 1/2-13NC-2 x 3 1/2 (cylinder head) (SAE-2330).....	2	3	4	5	7	9	12	16						
<p align="center">GROUP 02—CLUTCH</p>																		
G134-0193788	A283976	LO-FC-5922		GASKET, clutch master cylinder filler plug.....	1	1	1	2	2	3	4	5						
G136-0217815	A283894	WH-70099		HOSE, flexible, clutch slave cylinder.....	1	1	1	2	2	3	4	5						
G136-0389827	A283817			SPRING, retracting, clutch pedal.....					1	1	1	2						

ORGANIZATIONAL SPARE PARTS AND EQUIPMENT

Figure Number	Official Stock Number	Part Number	ITEM	UNIT BREAK-DOWN													Note Symbol																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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G136-0124508	AC-1521945		BOWL, fuel pump, glass.....																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												

G067-1200591	A171671	HM-22164-A	GASKET, water pump cover (½ vellumoid).....	1	2	2	3	4	5	6	8
G067-1200589	A171670	HM-22149-A	GASKET, water pump attaching (½ paper).....	1	2	2	3	4	5	6	8
G134-0217450	A283403		HOSE, 1½ I.D. x 3 lgh., radiator inlet and outlet. . .	1	2	3	4	5	6	8	11
G067-1200755		HM-22166-A	PACKING, water pump (SZ-10479).....	1	2	2	3	4	5	6	8
G067-1200950	C65948	HM-40170-CS	PUMP, engine water, complete, w/driven gear and distributor drive gear, assembly.....								
G134-0400162		HM-11770-BS	THERMOSTAT, engine, assembly (FLS-158-A).....								
GROUP 06--ELECTRICAL											
G104-1507301	B199959		AMMETER, assembly.....								
H015-500908	500908		BATTERY, storage, 12-16 V., type 8T, dry charged (ELECTROLYTE in separate container; see ELECTROLYTE, 51-A-1562-150) (H015-500907, BATTERY, wet charged, may be issued as alternate).....	1	1	1	2	2	3	4	5
G104-1793699	B199968N		BREAKER, circuit, instrument panel, 20 amp.....								
G136-5284644	A284644		BREAKER, circuit, generator, assembly.....								
G104-1531634	B248695	AL-IAC-1051	CAP, distributor, assembly.....								
G134-0138795			COIL, ignition, assembly.....								
G134-0138998		AL-IG-267-IN	CONDENSER, distributor, assembly.....								
G134-0152015	B246885	AL-IAC-4003	DISTRIBUTOR, assembly.....								
51-A-1562-150			ELECTROLYTE, storage battery, specific gravity, 1.275 (for BATTERY, dry charged, H015-500908).....								
G148-0194161	B199960B		GAGE, fuel, instrument panel.....								
G134-0194062	B246995	KS-40391	GAGE, oil pressure, engine unit.....								
G134-0194061	B246994	KS-40311-1	GAGE, oil pressure, 80 lbs., instrument panel.....								
G136-0193738	B248901	KS-40305-1	GAGE, water temperature.....								
G136-0194039	A285007		GASKET, ignition wires at distributor.....	6	8	10	14	18	24	32	42
G136-0194040	A330160		GASKET, spark plug.....	4	6	8	10	14	18	24	32
G134-0196300	D67368		GENERATOR, w/3½ pulley, assembly (use on all M20's below serial No. 30) (use with Belt D67400B).....								
G136-0125915	D67368A		GENERATOR, w/4½ pulley (used on all M20's above serial No. 29) (use with Belt D67400C).....								
H104-193137	193137	GL-5934392	LAMP, elec., incand., sealed, 12-16 V., driving sgle-tung-fil., No. 1261, 40 watt (C-6 fil., screw terminal) (for head light).....	1	2	3	4	5	6	8	11
H104-190917	190917	GL-5935000	LAMP, elec., incand., min., 12-16 V., dble-tung-fil., No. 1247, 3 cp. (SC cand. bay. base, G-6 bulb C-2-R-C-2R fil. in series) (Instrument panel).....								
H004-504419	504419	FM-GPA-13491	LAMP-UNIT, blackout tail, sealed, 4 opening, 12-16 V., 3 cp., assembly (lower, left and right) (GL-5933305).....	4	6	8	10	14	18	24	32
H004-504422	504422	FM-GPA-13485	LAMP-UNIT, blackout stop, sealed, one-opening, 12-16 V., 3 cp., assembly (upper, right) (GL-5933308).....	1	2	3	4	5	6	8	11
				1	1	1	2	2	3	4	5

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G104-1793705	A244711	RBM-CX230800 FM-11A-13480	SWITCH, instrument panel lights, assembly (Issue until stock is exhausted, then issue A284412, SWITCH)	(See SWITCH, G 176-52 84412)	1	1	1	2
G134-0393787	B246956		SWITCH, master, assembly	1	1	1	2	
G134-0393785	A283457		SWITCH, stop light, assembly	1	1	1	2	
G176-0774906	B199965		VOLTMETER, assembly	1	1	1	2	
GROUP 07—TRANSMISSION								
G136-0340663	A276968	WG-1520N	PLUG, pipe, magnetic, sq-hd., 3/4-14, std. pipe thread (drain plug) (also used on transfer case)	1	1	1	2	
GROUP 10—FRONT AND INTERMEDIATE AXLE								
G102-1524323	C100433	TD-3280-P-1602	BOOT, steering knuckle, zipper type	2	3	4	16	
G136-0137806	C118092	TD-3280-3-1622	CLAMP, boot, inner	1	2	3	11	
G136-0137805	C118091	TD-3280-4-1620	CLAMP, boot, outer	1	2	3	11	
H002-0204200	S04208		FITTING, lubricating, hydraulic type, stght, ball seal, 1/8-27NPT, male (front axle)	1	2	2	7	H-2
H006-0283815	B289258	FM-353064-S	PLUG, pipe, sq-hd., black, 1/2 in. (front axle socket)			1	3	H-6
H006-0283820	219199	WG-X1520	PLUG, pipe, sq-hd., black, 3/4 in. (differential filler)			1	3	H-6
	219301					1	3	
	A284307							
GROUP 12—BRAKE								
G067-0600130	A167897	LO-FC-1331	BOOT, brake master cylinder	1	1	2	5	
G136-0131228	B248746		CABLE, S., 3/8 x 71 1/2, hand brake			1	2	
G134-0137812	S00680	BX-371910	CLAMP, hose, 3/8, hydrovac	1	2	2	7	
G134-0137803	A215923		CLAMP, 1/2 hose, hydrovac to check valve hose			1	3	
G134-0145645	C117670	LO-FE-2120	CYLINDER, master brake, assembly	1	1	1	2	
G134-0145643	B246815A	LO-FD-7642	CYLINDER, 1 1/2 diameter, wheel, brake, right	1	1	2	5	
G134-0145644	B246815B	LO-FD-7643	CYLINDER, 1 1/2 diameter, wheel, brake, left	1	1	2	5	
G134-0193877	A285030		GASKET, cop., 3/4 I.D. x 1 3/8 O.D., hydrovac, inner	4	5	7	28	
G067-0600790	A167884	LO-FC-2037	GASKET, filler plug, brake master cylinder	1	1	1	5	
G136-0217820	A284017A		HOSE, brake, assembly (17 1/2 in. long) (1 used hull to rear axle; 1 used hull to intermediate axle)	1	1	2	5	
G136-0223460	D72378		HYDROVAC, assembly	1	1	2	5	
G134-0217485	A285128A	BX-373330	HOSE, brake, 1/2 I.D. x 11 in. long (front axle ends)	1	2	3	11	
G136-0217819	A284017B		HOSE, brake, hull to front axle, assembly (22 in. long)	1	1	1	5	
G067-0601480	A167888	LO-FC-4073	PLUG, filler, brake master cylinder	1	1	2	5	
G136-0385090	C127172	BX-46908	SHOE, brake, w/LINING, assembly	1	2	2	8	
G136-0389805	B246822	BX-46467	SPRING, brake shoe, retracting	4	5	6	25	
GROUP 13—WHEEL, HUB AND DRUM								
H012-6163580	A283654A	TIM-33281	CONE and ROLLERS, taper roller bearing, 2 13/16 bore x 1.1875 width, wheel, inner	1	2	2	9	H-12

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NOTE: Where the same part is common to two or more vehicles assigned to the same unit, the part should be issued on basis of the total number of vehicles to which the part applies.

ORGANIZATIONAL SPARE PARTS AND EQUIPMENT

ORGANIZATIONAL TOOLS

The issue of the following organizational tool sets, the component items of which are listed hereunder in columnar form, are as follows:

TOOL-SET, BATTALION CREW: (Col. 8). As authorized in applicable T/BA, T/A or T/O&E.
TOOL-SET, REGIMENTAL MAINTENANCE PLATOON: (Col. 9). As authorized in applicable T/BA, T/A, or T/O&E.

Figure Number	Official Stock Number	Part Number		I T E M	Tool Kit, Mechanics	Tool-Set, Company	Tool-Set, Battalion Crew	Tool-Set, Regimental Maintenance Platoon	Note Symbol
		Order and Store by This Number	Ordnance						
Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9	Col. 10
				SPECIAL TOOLS					
	41-E-647	7079277	WKR-M8-503	EYE, lifting, engine.			1	1	G-27 W
2	41-R-2374-880	B295837	WKR-M8-315	REMOVER and REPLACER, bearing cup and grease retainer, steering sector shaft.			1	1	G-27 W
	41-R-2378-550	C102839	WKR-M8-130	REMOVER and REPLACER, pin, spring shackle (formerly 41-R-2389-28).			1	1	G-27 W
2	41-R-2385-205	B295853	WKR-M8-107	REPLACER, bearing cup, pillow block (formerly 41-R-2395-29).			1	1	G-27 W
2	41-R-2396-400	B295848	WKR-M8-121	REPLACER, retainer, hub, bearing cup, grease seal (formerly 41-R-2394-108).			1	1	G-27 W
2	41-R-2397-300	C102845	WKR-M8-121	REPLACER, seal (grease), axle hub bearing cone (inner), complete with adapters M8-121A and M8-121B (formerly 41-R-2394-130).			1	1	G-27 W
	41-W-871-40	A386470	KM-2268-A	WRENCH, crowfoot, engine oil pressure regulating.			1	1	G-27 W

ORGANIZATIONAL SPARE PARTS AND EQUIPMENT

Figure Number	Official Stock Number Order and Store by This Number	Part Number		ITEM	Quantity per Vehicle	Note Symbol
		Ordinance	Manufacturer			
Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7
VEHICULAR SPARE PARTS						
	G103-1518303	D67400A		BELT, fan drive.	1	
	G103-1518304	D67400B		BELT, generator (use with Generator, D67368) (issue type used).	1	
	G136-0118253	D67400C		BELT, generator (use with Generator, D67368A) (issue type used).	1	
	H014-538005	A284320		CAPS, tire valve, screwdriver type (boxed).	5	
	H014-538004	A284321		CORE, tire valve (boxed).	5	
	H104-190917	190917		LAMP, elec., incand., min., 12-16 V., dble-tung-fil., No. 1247, 3 cp. (SC cand. bay. base, G-6 bulb, C-2R-C2R fil. in series).	2	H-4
	G104-401278	A213744		PIN, locking (for tow shackle pin).	4	
VEHICULAR TOOLS AND EQUIPMENT						
Common Tools						
	41-A-1277			AXE, handled, chopping, single bit, standard grade, 4 lb. (type A, except painted olive drab).	1	J-6
	41-B-15			BAG, tool.	1	J-15
	41-B-154			BAR, cross, socket wrench, round, solid (type VII, class A) $\frac{1}{8}$ in. diam. x 8 in. long.	1	J-4
	8-C-482-250			CABLE, steel, towing complete with two eyes, diameter $\frac{3}{8}$ in., length 20 ft.	1	W
	41-C-1124	TEAX1C		CHISEL, machinists', hand, cold, $\frac{3}{4}$ in. cut, 8 in.	1	J-2
	41-F-1028	TEAX1DF		FILE, American-Standard, hand, smooth, 8 in.	1	J-2
	41-F-1572	TEAX2CP		FILE, American-Standard, three-square, smooth, 6 in.	1	J-2
	8-G-357	EKBX1A		GAGE, tire pressure, piston type, 10 to 60 lb. in 1 lb. units; 60 to 160 lb. in 5 lb. units, single foot.	1	W
	41-G-1344-40			GUN, lubricating chassis, hand operated, 15 oz. capacity.	1	J-9
	41-H-527	TAAX1D		HAMMER, machinists', ball peen, 2 lb.	1	W
	41-H-1286			HANDLE, mattock (pick) 36 in. (grade AA) (Mattock, pick, Fed. Stock No. 41-M-722, and handle, mattock, Fed. Stock No. 41-H-1286 constitute mattock, pick, w/HANDLE, as listed in T/O&E's and T/A's).	1	J-6
	41-H-1502	TKEX2R		HANDLE, socket wrench, hinged, $\frac{1}{2}$ in. sq-drive, 12 in. (type VII, class B).	1	J-8
	41-H-1505	TKEX2B		HANDLE, socket wrench, ratchet, reversible, $\frac{1}{2}$ in. sq-drive, 9 in. (type VII, class B).	1	J-4
	41-H-1508	TKEX2L		HANDLE, socket wrench, speeder, brace type, $\frac{1}{2}$ in. sq-drive, 17 in. (type VII, class B).	1	J-4
	41-H-1541-10			HANDLE, wheel bearing adjusting and wheel stud nut wrench, $\frac{3}{4}$ in. diam., 30 in.	1	W
	41-J-73			JACK, automobile and motor truck, hydraulic (type VII, class B), 5-ton, with handle.	1	W

ORGANIZATIONAL SPARE PARTS AND EQUIPMENT

Figure Number	Official Stock Number	Part Number		ITEM	Quantity per Vehicle	Note Symbol
		Ordnance	Manufacturer			
Col. 1	Col. 2	Col. 5		Col. 6	Col. 7	
VEHICULAR TOOLS AND EQUIPMENT (Cont'd)						
Common Tools (Cont'd)						
	41-M-722			MATTOCK, pick, without handle (type II, class F) (Mattock, pick, Fed. Stock No. 41-M-722 and handle, mattock, Fed. Stock No. 41-H-1286, constitutes mattock, pick, w/HANDLE, as listed in T/O&E's and T/A's)	1	J-6 W
	13-O-900	THCX1A		OILER, steel, pump, 9 in. spout, 1 pt. (type II)	1	J-2 W
	41-P-1652	THAX1A		PLIERS, combination, slip joint, wire cutting, 8 in.	1	J-2 W
	41-P-1977	TGAX2B		PLIERS, side-cutting, flat nose, 8 in.	1	J-4 W
	41-S-1063	TGAX1A		SCREWDRIVER, close quarter, 1 3/4 x 1/4 in. blade, 4 in. over-all (type II)	1	J-4 W
	41-S-1101	TGAX1A		SCREWDRIVER, common, normal duty, single grip (type III, class C), 3 x 3/8 in. blade	1	J-4 W
	41-S-1385	TGBX1A		SCREWDRIVER, machinists', extra heavy duty, wood insert handle (type V, class B), 5 x 1/2 in. blade	1	J-4 W
	41-S-3170			SHOVEL, general purpose, D-handle, plain back, strap pattern, round point, No. 2 (blade width 9 1/2 in., blade length 11 3/8 in., length of handle 26 in.) (type IV, size 2)	1	J-6 W
	41-W-486	TKAX3A		WRENCH, adjustable, crescent type, single end (type I, class B) 8 in. (1 1/8 in. jaw opening)	1	J-4 W
	41-W-990	TKKX1A		WRENCH, engineers', 15° angle, double head, open end, normal duty, alloy steel, 5/8 in. and 3/4 in.	1	J-4 W
	41-W-1000	TKKX1G		WRENCH, engineers', 15° angle, double head, open end, normal duty, alloy steel, 3/8 in. and 1/2 in.	1	J-4 W
	41-W-1005-5	TKKX13F		WRENCH, engineers', 15° angle, double head, open end, normal duty, alloy steel, 3/8 in. and 1 1/8 in.	1	J-4 W
	41-W-1008	TKKX2F		WRENCH, engineers', 15° angle, double head, open end, normal duty, alloy steel, 3/8 in. and 3/4 in.	1	J-4 W
	41-W-1015	TKKX3D		WRENCH, engineers', 15° angle, double head, open end, normal duty, alloy steel, 13/16 in. and 7/8 in.	1	J-4 W
	41-W-1021	TKKX4C		WRENCH, engineers', 15° angle, double head, open end, normal duty, alloy steel, 1 1/8 in. and 1 in.	1	J-4 W
	41-W-3009	TKEX3D		WRENCH, socket (detachable), 1/2 in. square drive, 12 point opening, 3/8 in.	1	J-4 W
	41-W-3013	TKEX3F		WRENCH, socket (detachable), 1/2 in. square drive, 12 point opening, 3/8 in.	1	J-4 W
	41-W-3017	TKEX3H		WRENCH, socket (detachable), 1/2 in. square drive, 12 point opening, 3/4 in.	1	J-4 W
	41-W-3023	TKEX3M		WRENCH, socket (detachable), 1/2 in. square drive, 12 point opening, 7/8 in.	1	J-4 W
	41-W-3025	TKEX3N		WRENCH, socket (detachable), 1/2 in. square drive, 12 point opening, 1 1/8 in.	1	J-4 W
	41-W-3331-100			WRENCH, spark plug, socket, 1/2 in. square drive, double-hex. opening (with pin handle), 2 1/2 in.	1	J-4 W
	41-W-3843-25			WRENCH, wheel stud nut, double end, hexagon openings, 1.062 x 1.505 in., 8 in. over-all	1	W
Special Tools						
	41-S-1067-700	A326404		SCREWDRIVER, compass non-magnetic, 1/8 in. blade thick., 3/8 in. diam., 2 3/8 in. over-all	1	W

Equipment and Accessories

G147-135400	B262413	BOOK, ORD 7 SNL G-176 Organizational Spare Parts and Equipment.....	1		
G176-5667438	D67438	BOOK, ORD 9 SNL G-176, Service Parts Catalog.....	1		
		BOOK, Technical Manual 9-743 (additional issue by the Adjutant General is as indicated in FM21-6).....	1		W
		CHAINS, skid, single, pneumatic, tire, 9.00 x 20.00, type TS.....	6		W
		COVER, crew compartment, canvas.....	1		
		FORM, War Department, A.G.O. 478 (in container, Form No. 478-1).....	1		
	C76072	GUIDE, lubrication (see ORDER).....			
		HELMET, tank (one per crew member) (issue until stock is exhausted).....	2		K-1
		OIL, engine (spec. 2-104) (in container 1 qt., type 1, class D, spec. 100-13).....	1		
		ORDER, lubrication, War Department No. 139 (also known as GUIDE).....	1		
	A312477	SHEET, instruction for compass.....	1		
	A312440	TAPE, adhesive, cotton olive drab, 4 in. x 15 yds.....	1		H-5
27-T-180-250		TAPE, friction, general use, black (grade A) ¾ in. wide, 30 ft. roll.....	1		H-9
17-T-803		WIRE, steel, carbon, low, annealed (soft), black, 0.080 in.....	1		
22-W-1633-160					
		Issued by Other Technical Services			
		The following items of equipment procured, stored and issued by technical services other than the Ordnance Department, are issued initially with the vehicle described herein. Replacements only will be requisitioned on appropriate technical service in the usual manner in accordance with current regulations:			
		ANTENNA, complete w/cover (spare).....	1		Sig. C. W
		APPARATUS, decontaminating, 1½ qt. M2 (Spec. 197-54-113).....	1		Chem.W.W
		BATTERY, dry cell, 1½ V., 1¼ in. diam. x 2¼ in. long (10 to be put in flashlight) (20 spares) (SC-BA-30).....	30		Sig. C.
		BUCKET, canvas, folding, 18 qt. (QMC-1-8-9).....	1		QMC W
64-C-281	D37127	CAN, water, 5-gallon (QMC-A353).....	1		QMC W
		EXTINGUISHER, fire, portable, carbon dioxide, hand, 4 lb., complete w/wall bracket and trigger operated valve.....	1		Eng.C.W
		FLASHLIGHT, electric, hand, 2-cell, with lamp, w/o batteries (Spec. W-F-421) (SC-TL-122).....	5		Sig.C. W
		KIT, first aid (24 units) (Spec. 1553).....	1		Med.C.
		LAMP (spare for flashlight) (SC-LM-35A).....	5		Sig.C.
37-M-360		MITTENS, asbestos, pair.....	1		QMC W
		NET, camouflage, cotton shrimp, 29 ft. x 29 ft.....	1		Eng.C.W
		RADIO SET, SCR-506 (where specified).....	1		Sig.C. W
		RADIO SET, SCR-508 or SCR-510, or SCR-528 or SCR-608, or SCR-610.....	1		Sig.C. W
42-T-13600	B263936	TUBE, flexible nozzle, cam type (for refillable gasoline drums).....	1		QMC W
		Provisions are made for storage of the following equipment which is installed in the vehicle by the using troops, and is not included in the Initial Issue by the Ordnance Department:			
		BAG, canvas, field, O.D. M1936 (QMC-2-3-16).....	6		QMC W
74-C-80		CANTEEN, M1910, 1 qt. (QMC-2-9-10).....	6		QMC W
74-C-330		CUTTER, wire, M1938.....	1		QMC W
		FLAG-SET, M238.....	1		Sig.C. W
		MACHETE, M1939, w/sheath.....	2		QMC W

ORGANIZATIONAL SPARE PARTS AND EQUIPMENT

Figure Number	Official Stock Number	Part Number		I T E M	Quantity per Vehicle	Note Symbol
		Ordnance	Manufacturer			
Col. 1	Col. 2	Col. 5		Col. 6	Col. 7	
VEHICULAR TOOLS AND EQUIPMENT (Cont'd)						
				Issued by Other Technical Services (Cont'd)		
				RATIONS, field.....	1	QMC
				ROLL, blanket.....	1	QMC W
				STOVE, cooking, gasoline, M1941.....	1	QMC W
VEHICULAR ARMAMENT						
				The armament and mounts listed hereunder are installed in the vehicle prior to issue of the vehicle to troops:		
	A001-0100550	51-70		GUN, machine, cal. .50, M2, HB, flexible (Ordnance Class and Division No. 51-70) (reviewed in SNL A-39).....	1	A-1 W
	C176-6554500	D54500		MOUNT, ring, M49 (reviewed in SNL A-55, Sec. 19).....	1	A-1 W
	A001-0305801	D7135		MOUNT, tripod, machine gun, cal. .50, M3 (reviewed in SNL A-39).....	1	A-1 W
				Provisions are made for stowage of the following armament which is installed in the vehicle by the using troops, and is not included in the initial issue by the Ordnance Department:		
	B001-0100015	42-36		CARBINE, cal. .30, M1 (Ordnance Class and Division No. 42-36) (reviewed in SNL B-28).....	5	B-1 W
	B001-371875	C113709		LAUNCHER, grenade, M8 (for carbine cal. .30, M1) (reviewed in SNL B-39).....	1	B-1 W
		41-1		LAUNCHER, rocket, A.T., 2.36 inch, M1A1 (Ordnance Class and Division No. 41-1) (reviewed in SNL B-36).....	1	B-1 W
VEHICULAR ARMAMENT SPARE PARTS; FOR:						
				GUN, machine, cal. .50, M2, HB, flexible		
				Provisions are made for stowage of the following items which are installed in the vehicle by the using troops, and are not included in the initial issue by the Ordnance Department:		
	A039-0100008	D28253A		BARREL (spare).....		A-19
	A039-0100040	D28269		or BARREL, assembly (alternate for D28253A, BARREL) (to be issued until supply is exhausted).....	1	A-19

A037-0100468	A152835	DISK, buffer.....	1	A-19
A037-0100500	B8976	EXTENSION, firing pin, assembly.....	1	A-19
A037-0100520	B8959	EXTRACTOR, assembly.....	1	A-19
A037-0100729	B9718	LEVER, cocking.....	1	A-19
H001-0811039	103373	PIN, cotter, split, S., $\frac{3}{8}$ x $\frac{3}{4}$ (belt feed lever pivot stud).....	1	H-1
H001-0811321	107763	PIN, cotter, split, S., $\frac{1}{8}$ x $\frac{5}{8}$ (cover pin).....	1	H-1
H001-0811027	103362	PIN, cotter, split, S., $\frac{1}{8}$ x $\frac{3}{4}$ (switch pivot).....	1	H-1
A038-7310080	7310080	PIN, firing (alternate, for B17171, PIN).....	1	A-19
A037-0101054	B17171	or		
A037-0101310	A13515	PIN, firing (issue until stock is exhausted).....	1	A-19
A037-0101470	C64305	PLUNGER, belt feed lever.....	1	A-19
		ROD, driving spring, w/spring, assembly.....	1	A-19
		SLIDE, belt feed group (not to be requisitioned as an assembly; requisition by components only).....	1	A-19
		(Consisting of:		
A037-0100010	B8914	1 ARM, belt feed pawl.....		A-19
A037-0100940	B8961	1 PAWL, feed, belt, assembly.....		A-19
A037-0101010	B8962	1 PIN, belt feed pawl, assembly.....		A-19
A037-616110	B761110	1 SLIDE, feed, belt, assembly.....		A-19
A037-0101775	A9351	1 SPRING, belt feed pawl.....		A-19
A037-0101740	A13595	SLIDE, sear.....	1	A-19
A037-0101780	A13516	SPRING, belt feed lever plunger.....	1	A-19
A037-0101777	A9522	SPRING, belt holding pawl.....	1	A-19
A037-0101805	B9741	SPRING, cover extractor.....	1	A-19
A037-0101820	B8908	SPRING, locking barrel.....	1	A-19
A037-0101843	A9524	SPRING, sear.....	1	A-19
A037-0101943	A13424	STUD, bolt.....	1	A-19
VEHICULAR ARMAMENT TOOLS AND ACCESSORIES; FOR:				
		CARBINE, cal. .30, M1		
		Provisions are made for the stowage of the following item, which is installed in the vehicle by the using troops:		
		BOOK, Field Manual 23-7, cal. .30, carbine, M1.....	1	
		GUN, machine, cal. .50, M2, HB, flexible and MOUNT, tripod, machine gun, cal. .50, M3		
		Accessories		
		BAG, empty cartridge, cal. .50.....	1	W
		COVER, gun and mount, cal. .50.....	1	W
		Provisions are made for the stowage of the following items which are installed in the vehicle by the using troops:		
		Common Tools		
		OILER, steel (hand), push bottom, 4 in. straight spout, $\frac{1}{2}$ pt.....	1	W
G104-6580064	D80064 D91030			
13-0-1530	CLGX1B B8514			

ORGANIZATIONAL SPARE PARTS AND EQUIPMENT

Figure Number	Official Stock Number Order and Store by This Number	Part Number		I T E M	Quantity per Vehicle	Note Symbol
		Ordinance	Manufacturer			
Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7
VEHICULAR ARMAMENT TOOL AND ACCESSORIES; FOR: (Cont'd)						
				GUN, machine, cal. .50, M2, HB, flexible and MOUNT, tripod, machine gun, cal. 50, M3 (Cont'd)		
				Accessories		
	24-B-706-25	D34338		BAG, canvas, metallic belt link, with draw string (11 7/8 x 25 in.)	1	A-19 W
	41-B-571	D73913		BOOK, Field Manual 23-65, Browning, Machine gun, cal. .50, HB, M2	1	T-5
	38-B-992-27	C4037		BOX, ammunition, M2 (100 rounds) (one is spare)	11	A-19
	24-C-534-200	C64274		BRUSH, cleaning, bristle (wire), round, cal. .50 M4	4	A-19 W
	A039-5561331	C61331		CASE, canvas, cleaning rod and brush, M15	1	A-39 W
	24-C-3842-760	D33912		CHUTE, metallic belt link, M1	1	A-19 W
	24-C-2899-115	D30654		COVER, canvas, spare barrel (45 in.) M13	1	A-39 W
	24-E-1000	C59696		COVER, canvas, tripod mount, machine gun, cal. .50, M1	1	A-19 W
	41-E-557-75	C64392		ENVELOPE, canvas, spare parts, one button, 3 3/4 x 3 in.	2	A-19 W
				EXTRACTOR, ruptured cartridge, cal. .50, M5 (to be issued until stock is exhausted)		
				or		
	41-E-557-50	7160041		EXTRACTOR, ruptured cartridge, cal. .50	1	A-19 W
	41-R-2567-75	D35441		ROD, cleaning (jointed), cal. .50, M7 (length 49 1/8 in.)	1	A-19
	41-W-3249-850	D28242		WRENCH, spanner, hook, combination, double end, cal. .50, M2	1	A-19 W
VEHICULAR SIGHTING AND FIRE CONTROL EQUIPMENT						
				Organizational spare parts and equipment for the following items having an SNL indicated in parentheses, are listed in the SNL indicated:		
	A055-0345850	B183012		PROTECTORSCOPE, prism (spare)	6	
	A055-0447460	A212934		WINDOW, vision (spare)	4	
				Provisions are made for storage of the following equipment which is installed in the vehicle by the using troops, and is not included in the initial issue by the Ordnance Department:		
				BINOCULAR, M3, complete	2	W
				(Consisting of:		
	F001-0400005	22-314		1 BINOCULAR, M3 (Ordnance Class and Division No. 22-314) (SNL F-210)		F-1 W
	F210-0200050	D44160		1 CASE, carrying, M17)		F-210 W

VEHICULAR AMMUNITION

	<p>Ammunition for use with these weapons is shown in SNL's T-1, S-9, S-4. Stowage facilities have been provided for the following rounds of ammunition:</p> <p>For GUN, Carbine, cal. .30, M1.....</p> <p>For GUN, cal. .50, Browning, M2, HB, flexible.....</p> <p>For LAUNCHER, grenade, M8 (flares, signal, M17A1 series).....</p> <p>GRENADE, hand.....</p> <p>GRENADE, rifle, M9A1.....</p> <p>MINE, anti-tank, HE, M1, w/fuse (Ordnance Class and Division Drawing No. 82-0-42).....</p> <p>POTS, smoke, M1 or M2.....</p> <p>ROCKET, anti-tank, 2.36 inch, M6.....</p>	<p>500</p> <p>1000</p> <p>36</p> <p>12</p> <p>3</p> <p>3</p> <p>4</p> <p>10</p>
	<p>APPLICABLE CLEANING AND PRESERVING MATERIALS</p>	
	<p>See ORD 5 SNL K-1.</p> <p>See TM 9-850 for usage.</p>	
	<p>ARTICLES FOR INSTRUCTIONAL PURPOSES; FOR:</p>	
	<p>The items listed hereunder are for training purposes only and WILL NOT BE TAKEN into the field, upon permanent change of station, or into the Theater of Operations, unless otherwise indicated. Units will turn in all equipment held to the Commanding Officer of the station from which it departs. The receiving officer will make a report to the Service Command Commander without delay, showing number, type and condition of items received:</p>	
	<p>GUN, Machine, cal. .50, Browning, M2, HB, flexible</p>	
A039-8800011	<p>ATTACHMENT, firing blank ammunition.....</p> <p>CARTRIDGE, dummy, cal. .50, M2 (TO BE TAKEN into the field, upon permanent change of station and into the Theater of Operations).....</p> <p>CHART, instruction, Browning Machine Gun, cal. .50, M2; flexible, set (one per organization equipped with BMG, cal. .50, M2; to schools as required).....</p> <p>(Consisting of:</p> <p>PLATE, No. 1, Adaptations (ORD No. 19151).....</p> <p>PLATE, No. 2, Basic Nomenclature (ORD No. 19152).....</p> <p>PLATE, No. 3, Basic Functioning (ORD No. 19153).....</p> <p>PLATE, No. 4, Feeding Extraction and Ejection (ORD No. 19154).....</p> <p>PLATE, No. 5, Buffer Assembly and Barrel Extension Functioning (ORD No. 19155).....</p> <p>PLATE, No. 6, Groups Disassembly (ORD No. 19156).....</p> <p>PLATE, No. 7, Detail Stripping (ORD No. 19157).....</p> <p>PLATE, No. 8, Bolt Assembly (ORD No. 19158).....</p> <p>PLATE, No. 9, Feed Change Over (ORD No. 19159).....</p> <p>PLATE, No. 10, Precautions (ORD No. 19160).....</p> <p>PLATE, No. 11, Watercooled Adaptations (ORD No. 19161).....</p> <p>PLATE, No. 12, Aircraft Adaptations (ORD No. 19162).....</p> <p>PLATE, No. 13, Heavy Barrel Adaptations (ORD No. 19163)).....</p>	<p>1</p> <p>25</p> <p>A-39 W</p> <p>T-1 W</p> <p>A-37 W</p> <p>W</p> <p>W</p> <p>W</p> <p>W</p> <p>W</p> <p>W</p> <p>W</p> <p>W</p> <p>W</p> <p>W</p> <p>W</p> <p>W</p> <p>W</p>
B147421		
C56579		
A037-7034575	7034575	

MAJOR ITEMS

Note Symbol	Class	Division	
Ø	31	287	Car, armored, utility, M20

NOTES

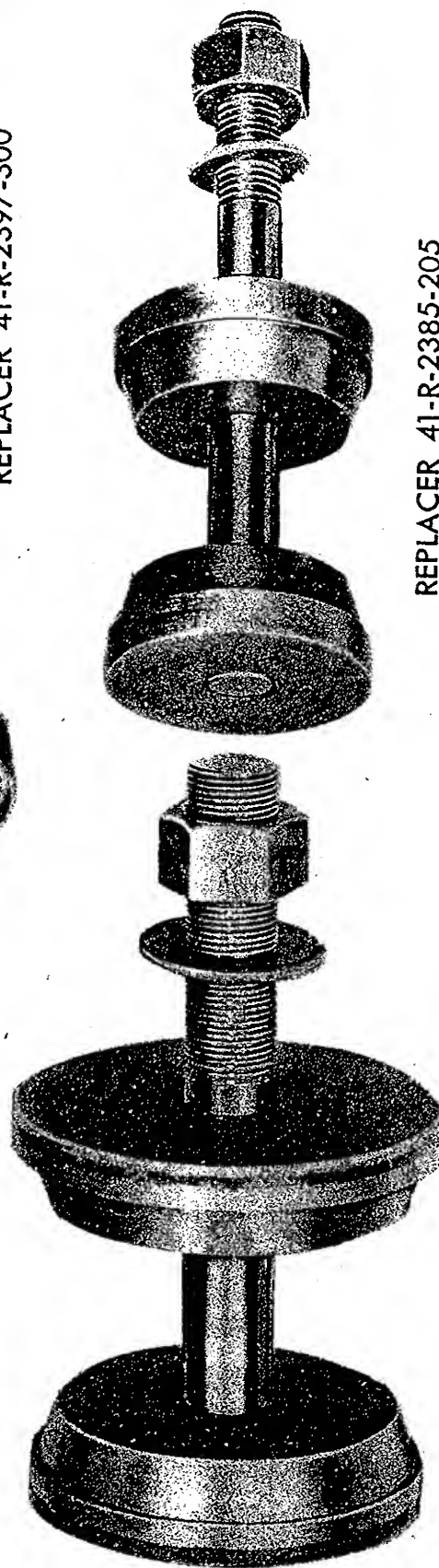
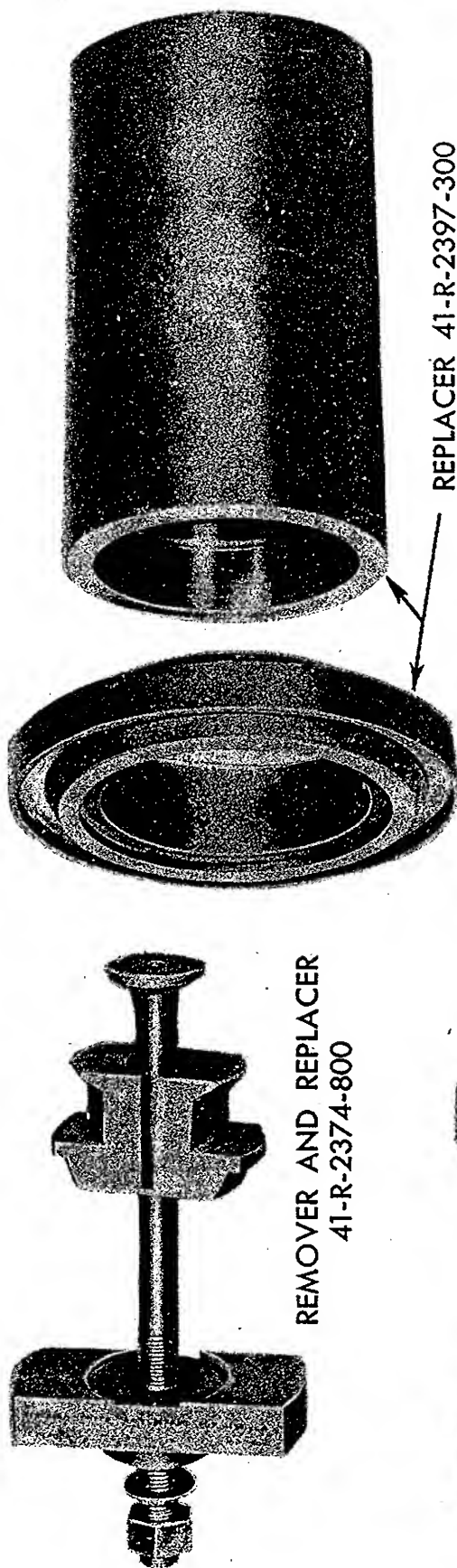
The SNL reference in the note symbol column indicates the SNL in which the item is stored, issued, and reviewed.
 The major item indicated by (Ø) is stored, issued and reviewed under "Major Items", ORD 3, SNL G-1.
 (a) Items indicated by (W) are non-expendable.
 (b) Items not marked by (W) are expendable.

Chem. W Chemical Warfare Service Eng. C Engineers Corps Med. C Medical Department
 QMC Quartermaster Department Sig. C Signal Corps

MANUFACTURERS' SYMBOLS

Listed below for identification purposes are the symbol prefix and address of each manufacturer pertinent to this list.

Symbol	Name of Manufacturer
AC	AC Spark Plug Division (General Motors Corp.), 1300 N. Dort Hwy., Flint 2, Mich.
AL	Electric Auto-Lite Co., Main Post Office Box 931, Toledo 1, O.
BX	Bendix Products Div., 401 Bendix Drive, South Bend 20, Ind.
CP	Champion Spark Plug Co., 900 Upton Ave., Toledo 1, O.
FC	Famco Machine Co., 1320 18th St., Racine, Wis.
FLS	Fulton Sylphon Co. (The), P. O. Box 400, Knoxville 4, Tenn.
FLM	Ford Motor Co., 2000 Schaefer Rd., Dearborn, Mich.
FR	Fram Corp., 55 Pawtucket Ave., E. Providence 16, R. I.
GL	Guide Lamp Div. (General Motors Corp.), 25th St. and Arrow Ave., Anderson, Ind.
HC	Cole-Hersee Co., 54 Old Colony Ave., So Boston 27, Mass.
HM	Hercules Motors Corps., 201 - 11th, S. E., Canton 2, O.
HOL	Holley Carburetor Co., 5930 Vancouver Ave., Detroit 4, Mich.
KM	Kent-Moore Organization, Inc., 485 W. Milwaukee, Detroit 2, Mich.
KS	King-Seeley Corp., 316 S. 1st St., Ann Arbor, Mich.
LA	Lyon Metal Products, Inc., 601 West 26th St., New York 1, N. Y.
LO	Lycoming Div. (Aviation Corp.), 652 Oliver St., Williamsport 38, Pa.
MZ	"Mazda" - General Electric Co., Schenectady 5, N. Y.
RBM	RBM Manufacturing Co., 1601 Wall St., Fort Wayne 6, Ind.
SW	Stewart-Warner Corp., 1826 Diversey Pkwy., Chicago 14, Ill.
TD	Timken-Detroit Axle Co., 100-400 Clark Ave., Detroit 32, Mich.
TIM	Timken Roller Bearing Co. (The), 1935 Kelley Ave., Canton, O.
UTS	United Specialties Co., 9705 Cottage Grove Ave., Chicago 28, Ill.
WG	Warner Gear Div. (Borg-Warner Corp.), 1108 E. Seymour St., Muncie, Ind.
WH	Weatherhead Co. (The), 300 E. 131st St., Cleveland 8, O.
WKR	Wilson, K. R., 10 Lock St., Buffalo 2, N. Y.
Z	Zenith Carburetor Div. (Bendix Aviation Corp.), 696 Hart Ave., Detroit 14, Mich.



RA PD 343983

FIGURE 2—TOOLS FOR CAR, ARMORED, UTILITY, M20

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